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Product Datasheet

Baicalein, CAS [[491-67-8]] FBM-10-2773

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| Article Name | Baicalein, CAS [[491-67-8]] |
| Biozol Catalog Number | FBM-10-2773 |
| Supplier Catalog Number | 10-2773 |
| Alternative Catalog Number | FBM-10-2773-100MG, FBM-10-2773-500MG |
| Manufacturer | Focus Biomolecules |
| Category | Biochemikalien |
| Product Description | Inhibitor of protein tyrosine kinase in leukemia (CEM cells)... |
| Molecular Weight | 270.24 |
| Purity | 98% by TLC, NMR (Conforms) |
| Form | Yellow or yellow-green solid |
| CAS Number | [491-67-8] |
| Formula | C ₁₅ H ₁₀ O ₅ |
| Application Notes | Inhibitor of protein tyrosine kinase in leukemia (CEM) cells. Induces cell cycle arrest and apoptosis ¹ . Originally reported as a selective inhibitor of 12-lipoxygenase, baicalein has since been shown to inhibit both 12-LO and 15-LO (IC ₅₀ =0.64 µM for 12-LO and 1.6 µM for 15-LO) ² . Displays antiinflammatory activity and inhibits adjuvant-induced arthritis. Also inhibits prolyl oligopeptidase (IC ₅₀ =36 µM) ³ . |